|          | Index of Claims |                             |            |                  |             |         |                 |           |           |            |          |  | Application/Control No. |                |         |              |          |               |          |              |            |            | A         | Applicant(s)/Patent under |          |           |             |          |          |          |          |  |
|----------|-----------------|-----------------------------|------------|------------------|-------------|---------|-----------------|-----------|-----------|------------|----------|--|-------------------------|----------------|---------|--------------|----------|---------------|----------|--------------|------------|------------|-----------|---------------------------|----------|-----------|-------------|----------|----------|----------|----------|--|
|          | Index of Claims |                             |            |                  |             |         |                 |           |           |            |          |  |                         |                |         |              |          |               |          |              |            |            |           | Reexamination             |          |           |             |          |          |          |          |  |
|          |                 |                             | Ш          |                  |             |         |                 |           |           |            |          |  |                         | 09/448,378     |         |              |          |               |          |              |            |            |           |                           |          | SI        | <del></del> |          |          |          |          |  |
|          |                 |                             |            |                  | ļ           |         | Ш               |           |           |            |          |  |                         | Examiner       |         |              |          |               |          |              |            |            |           | Art Unit                  |          |           |             |          |          |          |          |  |
| _        | 111111          |                             |            | 11 1111          |             |         | 1611)           |           |           |            |          |  |                         | Phillip Gambel |         |              |          |               |          |              |            |            |           | 1644                      |          |           |             |          |          | 1        |          |  |
|          |                 | √ Rejected — (Through numer |            |                  |             |         |                 |           |           |            |          |  | (al)                    |                |         |              |          |               |          |              |            | Г          |           |                           |          |           |             |          |          |          |          |  |
|          |                 | <b>√</b>                    | R          | eje              | cted        |         |                 |           | Cancelled |            |          |  | t                       |                |         | N            | Non-El   |               |          | lec          | ectea      |            | A         | Appeal                    |          |           |             |          |          |          |          |  |
|          |                 | = Allowed                   |            |                  |             |         | ÷               |           |           | Restricted |          |  |                         |                |         | I Interferer |          |               | nce      |              | Objected   |            |           |                           |          |           |             |          |          |          |          |  |
| CI       | aim             | Date                        |            |                  |             |         |                 |           |           | Claim      |          |  |                         |                | Da      | te           |          | CI            |          |              | laim       | im_        |           |                           | Date     |           |             |          |          | $\neg$   |          |  |
| _        | la l            | (0/4)/11                    |            |                  |             |         |                 |           |           | _          | la l     | 9)h//11  |                         |                |         |              |          |               |          |              |            |            |           |                           |          |           |             |          |          |          |          |  |
| Final    | Original        | 75                          |            |                  |             | ŀ       |                 | :         |           | Final      | Original | <u> </u>   |                         |                |         |              |          |               |          |              | Final      | Original   |           |                           |          |           |             | İ        |          |          |          |  |
|          |                 | Ξ                           |            |                  | $\perp$     | _       |                 | :         |           |            |          | +-   | 4                       | _              | $\perp$ | -            | $\perp$  | +             | 1        |              | _          |            | _         |                           | 4        | _         | _           |          | $\dashv$ | $\perp$  | _        |  |
|          | 2               | ╁╌                          |            | H                | +           | -       | +-              |           |           |            | 51<br>52 | /  | $\overline{}$           | +              | +       | +            | ╁        | +             | ╁╌       | -            | $\vdash$   | 101        | ╁         | -                         | ┪        | ᅱ         | $\dashv$    | -        | $\dashv$ | $\dashv$ | -        |  |
|          | 3               |                             |            |                  |             |         |                 |           |           |            | 53       | 1  |                         |                |         |              | L        | 土             | İ        | 1            |            | 103        |           |                           |          |           |             |          |          |          |          |  |
|          | 5               | 1                           | _          | $\vdash$         | $\dashv$    |         | $\vdash$        | :         |           |            |          | Ŋ  | $\vdash$                | _              | +       | $\bot$       | ╀        | +             | ┼-       | :            | -          | 104        | $\vdash$  |                           | 4        | _         |             |          | _        | 4        |          |  |
|          | 6               | 1                           |            | $\vdash$         | $\dashv$    |         | $\vdash$        | 一:        |           |            | 56       | 2  | $\vdash$                | -              | ╁       | ╁            | t        | +             | ╁        | 1            | -          | 105<br>106 | ╁         | -                         | $\dashv$ | ┪         |             | -        | +        | $\dashv$ | $\dashv$ |  |
|          | 7               | V                           |            |                  |             |         |                 |           |           |            | 57       |  |                         |                |         |              | İ        |               |          |              |            | 107        |           |                           | 1        | $\exists$ | $\neg$      | 寸        | $\dashv$ | $\top$   | ┪        |  |
|          | 8               |                             |            |                  |             |         |                 | 4         |           |            | 58       | ļ  |                         | $\perp$        |         |              | Ľ        |               | 1_       | ]            |            | 108        |           |                           | $\Box$   |           | $\Box$      | $\Box$   | $\Box$   |          |          |  |
| -        | . 9<br>10       |                             | $\vdash$   | Н                | ++          | - -     | $\vdash$        | :         |           |            | 59<br>60 | ┼-   | $\vdash$                | +              | +       | ╁            | ╁        |               | -        | 1            | -          | 109<br>110 | H         |                           | +        | -         | $\dashv$    | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |  |
|          | 11              | 匸                           |            | П                |             |         | $\Box$          | $\exists$ |           |            | 61       | T  | $\dashv$                | _              | 1       |              | t        | $\dagger$     | ╆        |              | 1          | 111        | t         |                           | +        |           | +           | $\dashv$ | 1        | $\dashv$ | =        |  |
|          | 12              |                             |            |                  |             |         | П               |           |           |            | 62       |  |                         |                |         | 1            |          |               |          |              |            | 112        |           |                           |          |           |             |          |          |          | ╛        |  |
| -        | 13<br>14        | -                           |            | H                |             | $\perp$ | $\vdash \vdash$ | -         |           |            | 63<br>64 | ├  | -                       | _              | ļ       | -            | ╀        | +             | ╀        | l            | <u> </u>   | 113        | ⊢         |                           | _        | 4         | _           |          | $\dashv$ | -        | 4        |  |
|          | 15              | ┢                           |            | H                | +           | ┰       | +               | $\dashv$  | 1         |            | 65       | -  | $\vdash$                | $\dashv$       | +       | +            | ╁        |               | ╁        | <b> </b>     | -          | 114        | $\vdash$  |                           | $\dashv$ | $\dashv$  | $\dashv$    | $\dashv$ | +        | +        | $\dashv$ |  |
|          | 16              |                             |            |                  |             |         |                 |           |           | _          | 66       |  |                         | _              | $\top$  |              | t        |               | t        |              | -          | 116        | 1         |                           | 7        | 7         | 7           | +        | +        | +        | ┪        |  |
|          | 17              |                             |            | Ш                |             |         |                 | _         |           |            | 67       |  |                         |                | $\perp$ |              |          |               | $\perp$  |              |            | 117        |           |                           |          |           |             |          |          |          |          |  |
|          | 18<br>19        | $\vdash$                    |            | $\vdash \vdash$  | $\dashv$    |         | ┤┤              |           |           | -          | 68<br>69 |  |                         | +              | +       | +            | ╀        |               | +-       |              | _          | 118<br>119 | $\vdash$  |                           | $\dashv$ | $\dashv$  | $\dashv$    | -        | $\dashv$ | -        | $\dashv$ |  |
|          | 20.             | -                           | 7          |                  | +           | +-      | $\vdash$        | 1         |           |            | 70       | ╁  |                         | +              | +       | +            | H        | ╁             | ╫        | 1            | 1          | 120        |           | -                         | -        | $\dashv$  | $\dashv$    | $\dashv$ | +        | +        | $\dashv$ |  |
| n        | 20<br>41        | K                           | Z          | 7                |             |         |                 |           |           |            | 71       |  |                         |                |         |              |          |               |          |              |            | 121        |           |                           |          |           |             |          | ⇉        |          |          |  |
|          | 22              |                             | بر         | Н                | $\dashv$    |         | $\sqcup$        | _         |           |            | 72       | ļ  | $\Box$                  | _              | _       | $\downarrow$ |          | _ _           | _        |              | _          | 122        |           | $\perp$                   | _        |           |             |          |          | 4        |          |  |
|          | 23<br>24        | 7                           | <b>-</b> - | $\vdash$         | $\dashv$    | +       | H               |           |           |            | 73<br>74 | $\vdash$   |                         |                | +       | +-           | ┞        | +             | +        |              |            | 123<br>124 |           | -                         | -        | -         | $\dashv$    | $\dashv$ | $\dashv$ | +        | $\dashv$ |  |
|          | 25              | V                           |            | <del>  -  </del> |             | +       | H               |           |           |            | 75       |  |                         | $\dashv$       |         | ╁┈           | H        | +             | T        | 1            |            | 125        | 1         | $\dashv$                  | $\dashv$ | +         |             | +        | +        | $\dashv$ | $\dashv$ |  |
|          | 26              | 1                           |            |                  |             |         |                 |           |           |            | 76       |  |                         |                |         |              |          |               |          |              |            | 126        |           |                           |          |           |             | 士        |          |          |          |  |
|          | 27              | 7                           | K_         | $\sqcup$         | $\dashv$    | +       | $\vdash$        |           |           |            | 77       | <u> </u>   |                         | -              | _       | -            | L        | _             | 1        |              |            | 127        |           | _                         | 4        | _         | _           | _        |          | $\perp$  |          |  |
|          | 28<br>29        | -                           | _          | $\vdash$         | $\dashv$    | +       | H               | $\dashv$  | 1         |            | 78<br>79 |  | $\dashv$                | +              | +-      | ╫            | ╁        | +             | +        |              |            | 128<br>129 | H         | $\dashv$                  | $\dashv$ | $\dashv$  | -           | $\dashv$ | -        | +        | $\dashv$ |  |
|          | 30              | 7                           |            | $\Box$           | ++          |         | H               |           |           |            | 80       |  |                         |                | 十       | +            | +-       | +             | 1        |              | :          | 130        | $\vdash$  | $\dashv$                  | +        | +         | -           | $\dashv$ |          | +        | ᅱ        |  |
|          | 31              | 2                           |            | П                |             |         |                 |           |           |            | 81       |  |                         |                |         |              |          |               |          |              |            | 131        |           |                           |          |           |             |          |          |          |          |  |
| -        | 32<br>33        | 1                           | <u> </u>   |                  |             | +       | Н               |           |           |            | 82<br>83 |  |                         | -              | -       | ┼            | L        | +             | +        |              |            | 132        | Н         | _                         | 4        | $\dashv$  |             | _        | 4        | 4        | 4        |  |
| -        | 34              | 1                           |            | ╁                |             | +       | H               |           | ŀ         |            | 84       |  |                         | +              | ╁       | ╁┈           | ┝        | +             | +        |              |            | 133<br>134 | $\vdash$  | +                         | +        | $\dashv$  | _           |          | +        | +        | $\dashv$ |  |
|          | 35              | 1                           |            |                  |             |         |                 |           |           |            | 85       |  | $\dashv$                | $\top$         | 十       | _            | ┢        | $\dagger$     | T        |              |            | 135        |           | $\dashv$                  | 1        | 7         |             | <u>_</u> | 十        |          | ┪        |  |
|          | 36              |                             |            | П                |             |         | П               |           |           |            | 86       |  |                         |                |         |              |          | I             |          |              |            | 136        |           |                           |          |           |             |          | $\Box$   |          |          |  |
|          | 37              | -                           | <u> </u>   | $\vdash$         |             | _       | Н               | -         |           |            | 87       |  |                         | -              |         | +            | L        | +             | $\vdash$ |              | -          | 137        | Ш         | 4                         | 4        | 4         | _           | _        | 4        | $\perp$  | 4        |  |
|          | 38<br>39        | <del> </del>                |            | ╂╌┼              |             | +       | $\vdash$        | $\dashv$  | 1         |            | 88<br>89 |  | $\dashv$                | +              | -       | ╁┈           | -        | ╁             | ┢        |              | -          | 138<br>139 | Н         | +                         | +        | $\dashv$  |             | $\dashv$ | $\dashv$ | +        | ㅓ        |  |
|          | 40              | Ż                           |            |                  |             | 土       | ╽               |           | 1         |            | 90       |  |                         | _              | _       | $\perp$      | T        | $\dagger$     | T        |              |            | 140        | H         | $\dashv$                  | +        | $\dashv$  | +           | +        | +        | +        | $\dashv$ |  |
|          | 41              | Z                           | Ź,         |                  |             |         | П               |           |           |            | 91       |  |                         | 丁              |         |              | L        | ightharpoonup |          | ]            |            | 141        |           |                           | $\Box$   |           |             |          |          |          |          |  |
| <u> </u> | 42              | /                           | 1          | $\vdash$         |             | +       | $\sqcup$        |           | ۱,        |            | 92       | $\vdash$   | $\dashv$                | +              | -       | ╀-           | L        | $\perp$       | _        |              | <u> </u>   | 142        | $\square$ | $\perp$                   | 4        | _[        | -           | $\perp$  | $\perp$  | $\perp$  | _        |  |
| -        | 43              | 1                           | 1          | $\vdash \vdash$  | ++          | -       | $\vdash$        | -         | }         |            | 93<br>94 | $\vdash$   | $\dashv$                | +              | +       | ╁            | $\vdash$ | +             | $\vdash$ | <b> </b> ::: |            | 143<br>144 | $\vdash$  | +                         | +        | -         | $\dashv$    | +        | +        | +        | $\dashv$ |  |
|          | 45              | V                           | 1          | H                | +           | $\top$  | Ħ               | -         | ŀ         |            | 95       |  | $\dashv$                | +              | $\top$  | T            | T        | T             | T        |              | -          | 145        | Н         | $\dashv$                  | $\dashv$ |           | $\dashv$    | $\dashv$ | +        | +        | $\dashv$ |  |
|          | 46              | V                           | Z          |                  | $\Box$      |         | П               |           | [         |            | 96       |  |                         |                |         |              |          |               |          |              |            | 146        |           |                           |          |           |             |          |          |          |          |  |
| -        | 47              | <b>/</b>                    | Ķ.         | $ \mathcal{A} $  | +           | 4-      | $\vdash$        | _ :       | -         |            | 97       | $\vdash$   | 4                       | _              | 1       |              | L        | 1             | <u> </u> |              | <u> </u>   | 147        | $\sqcup$  | _[                        | Ţ        | Ţ         | $\Box$      | $\Box$   | $\bot$   |          | _]       |  |
| -        | 48<br>49        | 7                           |            | $\vdash$         |             |         | ╁┤              |           | ŀ         |            | 98<br>99 | <del>                                     </del> | _                       | +              | +       | +            | ┝        | +             | $\vdash$ | :            | <u> </u>   | 148<br>149 | ⊢         | $\dashv$                  | +        |           | -           | $\dashv$ | -        | $\dashv$ | $\dashv$ |  |
| -        | 60              | الله                        | <u> </u>   | ╌┼               | <del></del> | +       | 1               | -1:       | 1         |            | 400      | $\vdash$   | $\dashv$                | +              | +       | ╂—           | ⊢        | +             | ₩        | :            | <b>├</b> ─ | 149        | $\vdash$  | $\dashv$                  | +        | -         |             | $\dashv$ | +        | +        | 4        |  |